

COOGAN et al
U.S. National Phase of PCT/GB2003/005465

AMENDMENTS TO THE ABSTRACT

Please insert the Abstract of the Disclosure which is on the attached sheet.

ABSTRACT OF THE DISCLOSURE

An aqueous coating composition having a 60° gloss of ≤ 40 upon drying comprising a self-crosslinkable polyurethane obtained by the reaction of:

(A) an isocyanate-terminated pre-polymer formed from components which comprise

- (i) 5 to 65 wt% of at least one organic polyisocyanate;
- (ii) 0.1 to 6 wt% of at least one polyol containing ionic or potentially ionic water-dispersing groups, having two or more isocyanate-reactive groups and having a molecular weight in the range of from 100 up to 500 g/mol;
- (iii) 0 to 30 wt% of at least one polyol containing water-dispersing groups, having two or more isocyanate-reactive groups and having a molecular weight in the range of from 500 to 6000 g/mol;
- (iv) 10 to 80 wt% of at least one polyol containing crosslinkable groups, having two or more isocyanate-reactive groups and having a molecular weight in the range of from 150 to 6000 g/mol;
- (v) 10 to 70 wt% of at least one polyol not comprised by (iii) or (iv) having two or more isocyanate-reactive groups and having a molecular weight in the range of from 500 to 6000 g/mol;
- (vi) 0 to 50 wt% of at least one component not comprised by (i), (ii), (iii), (iv) or (v); where (i), (ii), (iii), (iv), (v) and (vi) add up to 100 wt%; and where the NCO:OH ratio is in the range of from 1.1 : 1.0 to 10.0 : 1.0; and

(B) at least one active-hydrogen chain extending compound.